

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

TIMBER SALE PROSPECTUS

	Page
NC-1344-F NENANA SPRUCE #2.....	2
NC-1404-F IOWA CREEK SPRUCE # 3	3
NC-1407-F GLACIER CREEK NORTH SPRUCE	5
NC-1408-F NENANA RIDGE BIRCH #4	6
NC-1414-F STANDARD CREEK RIGHT FORK.....	7
NC-1531-F DAWSON CREEK BIRCH.....	8
GENERAL SALE INFORMATION	9

NC-1344-F NENANA SPRUCE #2

NC-1344-F, Nenana Spruce #2: a 126.66 acre sale of three units; is located 4 miles southwest of Nenana via 10th Street and then on the established ice crossing location of the Nenana River at the boat launch site. Approximately 5.5 miles of existing winter road will need to be maintained along with 0.25 miles of new winter road. Three ice bridges will be required to cross the Nenana and the Teklanika Rivers and an unnamed creek just north of the sale units. The sale is designated within Sections 3, 4, 9, and 10 of Township 5 South Range 8 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	3839 CCF	\$25.24/CCF	\$96,896.36	May 31, 2015

Short Log Volume in MBF = 1574

NC-1344-F is a spruce dominated river bottom stand which has been divided into three units. The units are composed primarily of medium to large mature spruce. The terrain is relatively flat. The PURCHASER will remove all white spruce trees 9 inches and greater. Bonding for the sale is **\$9,700.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$1000.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1344		Percent Defect = 10 %		Standard Error of Cruise = 4.18 %		Spruce Sawlogs		BAF = 20	
Average DBH in inches of these trees		= 12.49							
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume					
9	1,719.67	9.65	162.71	3.81					
10	2,367.98	13.7	318.06	7.46					
11	3,395.99	17.8	592.81	13.9					
12	2,079.72	22.03	449.2	10.53					
13	1,936.91	26.98	512.27	12.01					
14	1,599.03	32.12	503.52	11.81					
15	1,207.21	39.25	464.6	10.89					
16	1,061.02	44.19	459.66	10.78					
17	385.59	50.61	191.32	4.49					
18	429.92	59.4	250.37	5.87					
19	212.22	66.4	138.16	3.24					
20	104.47	77.35	79.23	1.86					
21	15.79	86.33	13.37	0.31					
22	57.56	91.91	51.87	1.22					
23	0	0	0	0					
24	24.18	113.92	27.01	0.63					
26	20.61	113	22.83	0.54					
27	0	0	0	0					
28	0	0	0	0					
29	0	0	0	0					
30	0	0	0	0					
31	0	0	0	0					
32	0	0	0	0					
33	6.4	242.16	15.18	0.36					
Totals	16,635.39	26.15	4,265.27	100					

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1404-F IOWA CREEK SPRUCE # 3

NC-1404-F, IOWA CREEK SPRUCE # 3: a 99 acre sale of one unit is located 15 miles northeast off of 10 mile Chena Hot Springs Road from Adventure Road. At 0.5 mile Adventure Road, a winter road of approximately 3.5 miles leads to the sale location. No new road construction is required for this unit; however maintenance of the existing winter road will be required. The sale is designated within Section 1, Township 1N, Range 2E; section 6, Township 1N, Range 3E; and section 36, Township 2N, Range 3E Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	2275 CCF	\$27.56/CCF	\$62,699.00	May 31, 2015
Birch Fuelwood	601 CCF	\$20.71/CCF	<u>\$12,446.71</u>	May 31, 2015
		TOTAL	\$75,145.71	

Short Log Volume in MBF = 1179

NC-1404-F is a stand containing a mixture of white spruce and birch on a moderately south facing slope above Iowa Creek. There is minor evidence of budworm in the stand. The PURCHASER will remove all white spruce trees 9 inches and greater and birch trees 6 inches and greater. Bonding for the sale is **\$7,500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$750.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1404		Percent Defect = 10 %	Standard Error of Cruise = 5.03 %	Spruce Sawlogs	BAF = 20
Average DBH in inches of these trees = 14.19					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
9	367.91	7.49	27.38	1.08	
10	670.52	10.79	71.89	2.84	
11	800.44	15.04	119.58	4.73	
12	827.8	19.34	159.05	6.29	
13	661.26	23.84	156.63	6.2	
14	912.27	32.27	292.43	11.57	
15	794.69	38.12	300.94	11.9	
16	465.64	43.97	203.37	8.04	
17	464.03	51.54	237.59	9.4	
18	459.89	59.72	272.84	10.79	
19	206.38	68.44	140.31	5.55	
20	186.26	74.3	137.47	5.44	
21	152.05	84.39	127.46	5.04	
22	30.79	101.45	31.03	1.23	
23	56.33	103.85	58.11	2.3	
24	51.74	120.94	62.15	2.46	
25	35.76	122	43.34	1.71	
26	22.04	129.15	28.28	1.12	
27	20.44	138.61	28.14	1.11	
28	9.5	170.81	16.12	0.64	
29	8.86	158.43	13.94	0.55	
Totals	7,204.58	35.32	2,528.07	100	

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1404 Percent Defect = 15 % Standard Error of Cruise = 8.95 % Average DBH in inches of these trees = 11.22				
			Birch Fuelwood	BAF = 20
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	206.95	2.46	5.07	0.72
7	152.05	4.75	7.2	1.02
8	582.05	6.76	39.17	5.54
9	367.91	9.5	34.79	4.92
10	298.01	11.44	33.93	4.8
11	800.44	13.87	110.51	15.63
12	724.33	17.26	124.43	17.6
13	529.01	18.95	99.77	14.11
14	304.09	24.06	72.83	10.3
15	298.01	27.3	80.98	11.46
16	145.51	32.08	46.46	6.57
17	77.34	43.37	33.39	4.72
18	45.99	40.17	18.39	2.6
Totals	4,531.67	15.67	706.92	100

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1407-F GLACIER CREEK NORTH SPRUCE

NC-1407-F, Glacier Creek North Spruce: a 36 acre sale of one unit which is located 22 miles west of Fairbanks and can be accessed from Standard Creek Road which is located 2.1 miles down the Old Nenana Highway from its western entrance to the Parks Highway between Mileposts 342 and 343. The proposed sale can then be reached by traveling approximately 15.5 miles west on Standard Creek Road and then north for approximately 1.75 miles on a secondary forest road. The proposed sale area is located within Section 19, Township 1 South, and Range 5 West within the Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	416 CCF	\$27.56/CCF	\$11,464.96	May 31, 2015

Short Log Volume in MBF = 170

NC-1407-F is a stand primarily composed of saw timber size white spruce located on a moderately west facing slope. There is minor evidence of budworm in the stand. The PURCHASER will remove all white spruce trees 9 inches and greater. Bonding for the sale is **\$1,150.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1407 Percent Defect = 15 % Standard Error of Cruise = 8.64 % Spruce Sawlogs BAF = 20 Average DBH in inches of these trees = 14.04				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	83.97	5.56	5.31	1.08
10	272.06	7.27	22.51	4.59
11	84.32	10.83	10.39	2.12
12	236.16	14.34	38.55	7.87
13	221.35	17.72	44.63	9.11
14	138.81	23.69	37.42	7.64
15	181.37	24.69	50.98	10.4
16	159.41	31.3	56.79	11.59
17	129.44	35.36	52.1	10.63
18	83.97	42.31	40.44	8.25
19	94.2	48.45	51.95	10.6
20	51.01	54.81	31.82	6.49
21	15.42	62.35	10.95	2.23
22	0	0	0	0
23	12.86	72.48	10.61	2.16
24	11.81	72.63	9.76	1.99
25	16.32	85.02	15.8	3.22
Totals	1,792.48	24.02	490.02	100

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1408-F NENANA RIDGE BIRCH #4

NC-1408-F, Nenana Ridge Birch #4: a 65 acre sale of one unit which is located approximately 33 miles southwest of Fairbanks and can be accessed from Nenana Ridge Road at milepost 328 of the Parks Highway. After traveling approximately 8.8 miles southwest on the Nenana Ridge Road turn west on Ruffed Grouse Road and then travel 1.6 miles. A new spur road construction of 0.6 miles will be necessary to access the sale. The proposed sale area is located within Sections 15 and 16 of Township 3 South, Range 6 West within the Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch fuelwood	896 CCF	\$18.81/CCF	\$16,853.76	May 31, 2015

NC-1408-F is a stand primarily composed of 90 year old pole and saw size class birch. The terrain is moderately sloping with a north facing aspect. The PURCHASER will remove all birch which is 6 inches or greater. Bonding for the sale is **\$1,700.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1404		Percent Defect = 15 %		Standard Error of Cruise = 8.33 %		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees				= 9.05					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume					
6	735.69	3.26	25.91	2.46					
7	1,981.85	3.89	83.44	7.91					
8	1,379.42	6.84	101.94	9.67					
9	1,852.84	10	200.39	19.01					
10	1,147.67	13.07	162.13	15.38					
11	1,021.45	17.16	189.54	17.98					
12	429.15	19.12	88.73	8.41					
13	313.43	23.94	81.12	7.69					
14	225.21	24.06	58.59	5.56					
15	78.47	31.81	26.99	2.56					
16	103.46	31.85	35.62	3.38					
Totals	9,268.65	10.52	1,054.40	100					

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1414-F STANDARD CREEK RIGHT FORK

NC-1414-F, Standard Creek Right Fork: a 90 acre sale of one unit and can be reached from the Parks Highway by turning north on the Old Nenana Highway between Mileposts 342 and 343. After traveling approximately 2.1 miles north on the Old Nenana Highway turn west on the Standard Creek road. After then traveling approximately 13.5 miles west on Standard Creek Road then turn north on a winter road for .8 miles to access the site. The sale area is located within Sections 17 and 20 of Township 1 South, Range 5 West, of the Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch fuelwood	1457 CCF	\$20.71/CCF	\$30,174.47	May 31, 2015

NC-1414-F is a stand primarily composed of 100 year old pole and saw size class birch. The terrain is moderately sloping with a east facing aspect. Saw log size birch are relatively healthy are found in the unit. The PURCHASER will remove all birch which is 6 inches or greater. Bonding for the sale is **\$3,100.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$350.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1414 Percent Defect = 15 % Standard Error of Cruise = 7.45 %		Birch Fuelwood		BAF = 20
Average DBH in inches of these trees = 9.04				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	1,905.58	3.49	71.09	4.15
7	2,333.37	4.54	113.47	6.62
8	1,965.13	8.08	169.81	9.9
9	2,681.93	9.72	278.94	16.26
10	1,943.69	12.54	260.77	15.2
11	1,417.38	17.24	261.53	15.25
12	873.39	19.58	183.03	10.67
13	541.23	23.2	134.36	7.83
14	350	26.23	98.23	5.73
15	254.08	28.5	77.5	4.52
16	44.66	20.36	9.73	0.57
17	39.56	26.43	11.19	0.65
18	35.29	55.58	20.99	1.22
19	0	0	0	0
20	0	0	0	0
21	51.85	43.99	24.41	1.42
Totals	14,437.15	11.1	1,715.02	100

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1531-F DAWSON CREEK BIRCH

NC-1531-F, Dawson Creek Birch: a 25acre sale of one unit and can be reached from Murphy Dome Road by turning south on Cache Creek Road. After traveling approximately 10.2 miles on Cache Creek Road turn right at the 4 way intersection then travel an additional 1.5 miles on the existing secondary road an access to the site. The sale area is located within Sections 16 and 21 of Township 1 North, Range 4 West, of the Fairbanks Meridian, Alaska.

<u>SPECIES & PRODUCT</u>	<u>ESTIMATED NET VOLUME</u>	<u>UNIT PRICE</u>	<u>APPRAISED PRICE</u>	<u>EXPIRATION DATE</u>
Birch fuelwood	285 CCF	\$20.71/CCF	\$5,902.35	May 31, 2015

NC-1531-F is a stand primarily composed of 80 year old pole and saw size class birch. The terrain is moderately sloping with an east facing aspect. The PURCHASER will remove all birch which is 6 inches or greater. Bonding for the sale is **\$590.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1414 Percent Defect = 15 % Standard Error of Cruise = 7.45 % Birch Fuelwood BAF = 20 Average DBH in inches of these trees = 12.83				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	0	0	0	0
7	83.03	4.23	3.75	1.05
8	0	0	0	0
9	150.69	8.28	13.34	3.75
10	81.37	8.95	7.79	2.19
11	100.87	13.75	14.83	4.16
12	395.55	17.26	73	20.49
13	216.67	17.53	40.62	11.4
14	290.61	22.21	69.01	19.37
15	198.91	22.65	48.18	13.52
16	111.25	28.24	33.59	9.43
17	84.47	34.25	30.94	8.68
18	0	0	0	0
19	22.54	41.83	10.08	2.83
20	10.17	51.34	5.58	1.57
21	9.23	56.1	5.53	1.55
Totals	1,755.36	18.98	356.26	100

ave vol/tree Table

Table indicates gross volume (not net volume).

GENERAL SALE INFORMATION

METHOD OF CRUISING:

All sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. Spruce fuelwood volumes were calculated using local white spruce volume tables to a 4 inch top prepared by T. Malone, J. Liang, and E. Packee of the University of Alaska Fairbanks, Agricultural and Forestry Experiment Station in 2009 while, the hardwood fuelwood volumes were calculated utilizing U.S. Forest Service Research Note NOR-6, published May 6, 1964 by R.A. Gregory and P.M. Haack. The sawlog volumes were calculated using local white spruce volume to a 6 inch top using tables prepared by Malone et al., (2009).

Cruise summaries are available upon request. The State neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

PRIMARY MANUFACTURE:

Primary manufacture of the timber in Alaska is NOT required.

METHOD OF PAYMENT:

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

AUTHORITY:

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:

All timber sales will be sold by sealed bid. Bids will be accepted until the time of opening. The opening of the sealed auction bids will be on June 14th, 2012 at the DNR, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashier's check or any combination of these in favor of the State of Alaska, Department of Natural Resources, equal to ten percent (10%) of the total appraised price accompanied by a completed bid deposit form (10-2102). If the high bidder fails to execute the contract within the allotted 30 days the bid deposit will revert to the State. EACH BID DEPOSIT AND BID DEPOSIT FORM MUST BE IN AN INDIVIDUAL ENVELOPE WITH THE SALE NUMBER MARKED ON THE OUTSIDE.

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the director, be available over the counter.

RESERVATIONS:

The State reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State reserves the right to award the timber for the amount of the next high bid to the next high bidder if the director considers

the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State.

GENERAL:

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Brian Young at 907-451-2602.